



(12)

EUROPEAN PATENT APPLICATION

(21) Application number : 92305419.1

(51) Int. Cl.⁵ : G08B 29/10

(22) Date of filing : 12.06.92

(30) Priority : 14.06.91 GB 9112878

(43) Date of publication of application :
16.12.92 Bulletin 92/51

(84) Designated Contracting States :
BE DE ES FR GB GR NL PT SE

(88) Date of deferred publication of search report :
12.05.93 Bulletin 93/19

(71) Applicant : CQR SECURITY COMPONENTS
LIMITED
125 Pasture Road, Moreton
Wirral, Merseyside L46 4TH (GB)

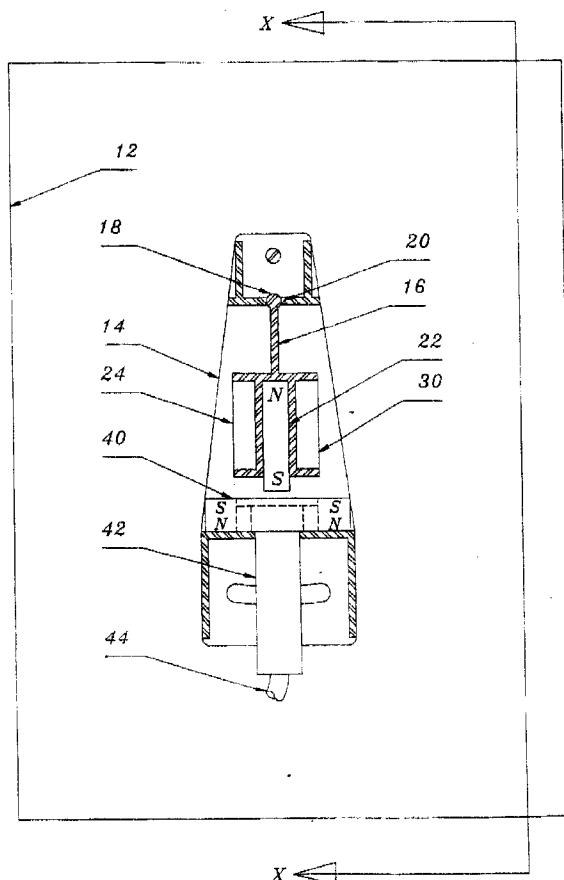
(72) Inventor : Macey, John Dennis
27 Whitegates Crescent
Willaston, Cheshire (GB)
Inventor : Johnson, Christopher Russell
6 Broadway Avenue
Wallasey, Merseyside (GB)

(74) Representative : Dempster, Benjamin John
Naftel et al
Withers & Rogers 4 Dyer's Buildings, Holborn
London EC1N 2JT (GB)

(54) Alarm assembly.

(57) An alarm assembly 10 comprises a housing attached to a back plate 12 to define a cavity occupied by a bell or siren and a tamper detection device. The tamper detection device 14 comprises a member 16 mounted for free movement in the cavity in more than one direction in response to a body entering the cavity or movement of the housing. The member 16 comprises a magnet 22 which is repelled by another magnet 40 so as to be movable between a metastable rest position and a disturbed position. A sensor 42 senses when the member 10 is in the disturbed position and causes the bell or siren to be set off.

FIG. 1.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 92 30 5419

DOCUMENTS CONSIDERED TO BE RELEVANT								
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim						
A	US-A-4 012 611 (PETERSEN) * abstract; figure 2 * * column 2, line 15 - line 32 * ---	1-9, 18, 19, 21-23						
A	DE-U-8 627 987 (SONAX-ALARMANLAGEN GMBH & CO. KG) * page 7, line 21 - line 33; figures 1,2 * ---	1						
A	US-A-4 945 347 (PERRY) * the whole document * -----							
TECHNICAL FIELDS SEARCHED (Int. Cl.5)								
G08B H05K H01H								
<p>The present search report has been drawn up for all claims</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Place of search</td> <td style="width: 33%;">Date of completion of the search</td> <td style="width: 34%;">Examiner</td> </tr> <tr> <td>BERLIN</td> <td>25 FEBRUARY 1993</td> <td>DANIELIDIS S.</td> </tr> </table>			Place of search	Date of completion of the search	Examiner	BERLIN	25 FEBRUARY 1993	DANIELIDIS S.
Place of search	Date of completion of the search	Examiner						
BERLIN	25 FEBRUARY 1993	DANIELIDIS S.						
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document						